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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/531,743	03/21/2000	Steven Jeromy Carriere	QUAC0006	7120

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GLENN PATENT GROUP
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EXAMINER

SHAAWAT, MUSSA A

ART UNIT	PAPER NUMBER
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3627

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 09/531,743	Applicant(s) CARRIERE ET AL.	
	Examiner MUSSA A. SHAAWAT	Art Unit 3627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) 1-27,31 and 32 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 28-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. This action is in response to amendment filed on 11/14/2007. Claim 28 has been amended. Claims 1-27 and 31-32 have been previously withdrawn. Claim 28 has been amended. Claims 28-30 are pending examination.
2. The amendments to claim 28 overcame the 112 1st and 112 2nd rejections made in the previous office action; therefore they are withdrawn.

Claim Rejections – 35 U.S.C. 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. The factual inquiries set forth in *Graham v. John Deere Co.*, 148 USPQ 459, that
3. are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or unobviousness.

4. Claims 28-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Krane et al. US Pat. No. (5,799,063) in view of Uppaluru et al., US Pat. No. (6,400,806) as discussed in the previous office action. Further:

Krane teaches a method of operating an interactive user operated Internet voice portal 7 having established multiple predetermined vertical domains of interest (i.e., talk

web menu and book-marks describing a collection of web sites; See Col. 5, lines 39-65); the domains having attributes within (i.e., the actual collection of web sites associated with each domain); responsive to a user placing a telephone call to the voice portal, identifying the user (See for example Col. 3, lines 42-57) and obtaining user selection of a vertical domain of interest (Col. 5, line 39); performing funneling operations (See for example Col. 3, lines 42-57, and Col. 6, lines 40-44) by applying speech recognition to user chosen attribute values (i.e., the selected web site of interest) where recognized answers are limited to contents of a vocabulary set (inherent with speech recognition); the user repeatedly choosing an attribute until a bottom level attribute is chosen (i.e., the desired web site is found; Col. 6, lines 40-44); conducting an internet search for prescribed types of information (i.e., search for a desired item in a store catalogue as is well known in Internet surfing; Col. 6, lines 40-44); audibly providing resultant information via the telephone call.

Krane lacks the specific teaching of building a vocabulary set containing top-level attribute values appropriate to the selected vertical domain of interest; repeatedly building an updated vocabulary set appropriate to the latest chosen attribute value.

Uppaluru teaches building vocabulary sets appropriate to a selected domain (See for example Col. 13, lines 24-30) and repeatedly updating the vocabulary set appropriate for a chosen attribute or service (See for example Col. 13, lines 9-23).

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify Krane to include the specific teaching of building a vocabulary set containing top-level attribute values appropriate to the selected vertical domain of

interest, and repeatedly building an updated vocabulary set appropriate to the latest chosen attribute value, in view of Uppaluru, in order to provide words in the speech recognition system that are "specifically tailored to the words more commonly associated with the corresponding service" (See Uppaluru, Col. 13, lines 24-26).

In addition, Krane et al., fail to disclose, conducting an Internet search of HTML non-voice sources (i.e. text) and audibly providing resultant information to the user via the telephone call (i.e. voice or speech).

However, Uppaluru teaches conducting an Internet search of HTML non-voice sources (i.e. text) and audibly providing resultant information to the user via the telephone call (i.e. voice or speech), see (at least col.7 lines 10-65 col.8 lines 21-35 and col.12 lines 3-5). It would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teachings of Uppaluru into the disclosure of Krane in order to provide the user with the flexibility of searching the Internet and viewing the information via any conventional web page format for example HTML and in order to provide universal access to voice and speech files in order to allow widespread use of such files for performing speaker dependent speech recognition, (see col.2 lines 21-25).

Re claim 29: Krane anticipates the limitation of the funneling being performed if the voice portal has not previously stored any attribute value preferences of the user for a selected vertical domain of interest (i.e., the funneling occurs in Krane whether or not there are bookmarks stored on the system). The funneling operation is additionally performed if the voice portal has previously stored any attribute value preferences of the user for a selected vertical domain of interest, but the user has opted to override the

stored attribute value preference (i.e., the funneling occurs in Krane if there are stored bookmarks, but the user chooses to choose another/different attribute in from the Talk Web menu).

Re claim 30: Regarding the limitation of the funneling operation being only performed if the voice portal has not previously stored any attribute value preferences of the user for the selected vertical domain of interest: it would have been obvious to one of ordinary skill in the art to modify Krane to include this limitation, in order to be able to find desired sites when the "Talk Web Menu" contains no listing of sites.

Further regarding claim 30, specifically the limitation of: "the operations further comprise, if the voice portal has previously stored any attribute value preferences of the user for the selected vertical domain of interest, instead of the funneling operation, performing an operation of conducting an Internet search for prescribed types of information pertaining to the stored attribute value preferences", the limitation is anticipated by Krane in that the bookmarks provide the attribute value preferences and the site associated with a selected bookmark anticipates the limitation of conducting an Internet search (i.e., the retrieving of the site) for information (i.e., the information on the site) pertaining to the stored attribute value preference (i.e., the selected bookmark).

Response to Arguments

5. Applicant's arguments have been fully considered but they are not persuasive. In particular Applicant argues, A) It appears that the applicant is arguing that Uppaluru does not teach an HTML web page format, but rather teaches an HVML (Hyper Voice Mark-up Language) page.

In response to A)examiner respectfully disagrees. Applicant is reminded that claims must be given their broadest reasonable interpretation. Uppaluru teaches voice web pages which consist of HTML pages that have been extended with HVML for easy and effective navigation and access of voice information via a voice activated device such as a telephone; voice web page retain all the properties and behavior of conventional HTML pages such as HTML markup tags etc,. Uppaluru also states that "An HVML web page (voice web page 103) is first and foremost an HTML page" (see col. 7 lines 45-46). In addition Uppaluru also states "Once ocated, a web page 103 can be created, edited and played using existing web publication tools, it can be stored on any conventional web server anywhere on the internet, it can be accessed by any conventional web page web browser and presented on a computer monitor", see col. 8 lines 2-6. Therefore Krane in view of Uppaluru still meets the scope of limitation as currently claimed.

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Contact Information

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mussa A. Shaawat whose telephone number is 571-272-2945. The examiner can normally be reached on Mon-Fri (8am-5:30pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Florian Zeender can be reached on 571-272-6790. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mussa Shaawat
Patent Examiner
January 07, 2008
/F. Ryan Zeender/

Supervisory Patent Examiner, Art Unit 3627